

## AMENDMENTS TO THE CLAIMS

Please cancel Claims 15-20 without prejudice.

Please amend Claims 1-8 and 11-14 as follows:

1. (Currently Amended) A method ~~for operating a network of point of presence servers~~  
~~sharing a hostname, the method comprises~~ , comprising:
  - receiving a request from a user for a web page at a first web address, the first web address including a ~~the~~ hostname;
  - determining traffic loads of a plurality of mirrored customer web servers, each of the customer web servers storing the web page;
  - determining a customer web server from the plurality of mirrored customer web servers that is appropriate for the request, the customer web server having a traffic load lower than traffic loads of remaining customer web servers from the plurality of mirrored customer web servers;
  - determining an IP address of the customer web server;
  - directing the request from the user to the customer web server; thereafter
  - receiving a request from the user for static content on the web page at a second web address, the second web address including the ~~a~~-hostname;
  - determining service metrics of caching ~~point of presence~~ servers in a ~~the~~ network of caching ~~point of presence~~ servers;
  - determining the caching ~~point of presence~~ server from the network of caching ~~point of presence~~ servers that is appropriate for the request for static content, the caching ~~point of presence~~ server having service metrics better than service metrics of remaining caching ~~point of presence~~ servers from the network of caching ~~point of presence~~ servers;
  - retrieving the static content from the caching ~~point of presence~~ server; and
  - providing the static content to the user.

1                   2.       (Currently Amended) The method of claim 1 further comprising  
2 determining load of caching point-of-presence servers in the network of caching point-of  
3 presence servers;  
4                   wherein determining the caching point-of-presence server from the network of  
5 caching point-of-presence servers that is appropriate for the request, the caching point-of-presence  
6 server having a latency and a load lower than latency or load of the remaining caching point-of  
7 presence servers from the network of caching point-of-presence servers.

1                   3.       (Currently Amended) The method of claim 1 further comprising:  
2 determining whether the caching point-of-presence server includes the static  
3 content;  
4                   determining a web server that includes the static content when the caching point  
5 of-presence server does not include the static content;  
6                   retrieving the static content from the web server that includes the static content;  
7 and  
8                   storing the static content from the web server in the caching point-of-presence  
9 server.

1                   4.       (Currently Amended) The method of claim 3 wherein determining the  
2 web server comprises:  
3                   determining traffic loads of the plurality of mirrored customer web servers, each  
4 of the customer web servers storing the static content; and  
5                   determining another customer web server from the plurality of mirrored customer  
6 web servers that is appropriate for the request, the another customer web server having a traffic  
7 load lower than traffic loads of remaining customer web servers from the plurality of mirrored  
8 customer web servers.

1                   5.       (Currently Amended) The method of claim 4 wherein retrieving the  
2 static content from the web server comprises:  
3                   determining another IP address of the another customer web server; and  
4                   requesting the static content from the another customer web server at the another  
5 IP address.

1                   6.       (Currently Amended) The method of claim 1 wherein the network of  
2  ~~caching point-of-presence~~ servers comprises a domain name server.

1                   7.       (Currently Amended) The method of claim 1  
2 wherein the request from the user for the web page is transferred from a first  
3 domain name server;  
4 wherein the network of  ~~caching point-of-presence~~ servers comprises a second  
5 domain name server; and  
6 wherein the second domain name server determines the customer web server  
7 from the plurality of mirrored customer web servers.

1                   8.       (Currently Amended) A method ~~for operating a network of point-of~~  
2  ~~presence servers comprises , comprising:~~  
3                   receiving a first request from a client DNS server to resolve a first domain name,  
4 the client DNS server receiving a request from a user of a web page address that includes the  
5 first domain name;  
6                   determining load measurements of a plurality of mirrored customer web servers,  
7 each of the customer web servers addressable by the first domain name, and each of the  
8 customer web servers configured to service the request from the user;  
9                   determining a customer web server from the plurality of mirrored customer web  
10 servers, the customer web server having a traffic load lower than traffic loads of other customer  
11 web servers from the plurality of mirrored customer web servers;  
12                   determining an IP address of the customer web server;  
13                   providing the IP address of the customer web server to the client DNS server;  
14 thereafter  
15                   receiving a second request from the client DNS server to resolve a second  
16 domain name, the client DNS server receiving a request from the user of a uniform resource  
17 locator that includes the second domain name;  
18                   determining performance metric measurement of  ~~caching point-of-presence~~  
19 servers in the network of  ~~caching point-of-presence~~ servers, each of the  ~~caching point-of~~  
20  ~~presence~~ servers addressable by the second domain name;

21 determining a caching point-of-presence server from the network of caching  
 22 point-of-presence servers, the caching point-of-presence server having performance metrics  
 23 lower than performance metrics of other caching point-of-presence servers from the network of  
 24 caching point-of-presence servers;  
 25 providing the IP address of the caching point-of-presence server to the client  
 26 DNS server;  
 27 retrieving data from the caching point-of-presence server in response to the  
 28 uniform resource locator; and  
 29 providing the data to the user.

1 9. (Original) The method of claim 8 wherein the load measurements  
 2 comprise latency measurements.

1 10. (Previously Amended) The method of claim 8 wherein the  
 2 performance metric measurements comprise any of: load CPU and memory measurements,  
 3 HTTP response measurements, and FTP response measurements.

1 11. (Currently Amended) The method of claim 8 wherein retrieving data  
 2 from the caching point-of-presence server comprises:  
 3 determining whether the caching point-of-presence server includes the data;  
 4 retrieving data from another customer web server from the plurality of mirrored  
 5 customer web servers when the caching point-of-presence server does not include the data; and  
 6 storing the data within the caching point-of-presence server.

1 12. (Currently Amended) The method of claim 11 wherein retrieving  
 2 data from the other customer web server comprises:  
 3 determining the other customer web server from the plurality of mirrored  
 4 customer web servers, the other customer web server having a traffic load lower than traffic  
 5 loads of remaining customer web servers from the plurality of mirrored customer web servers;  
 6 and  
 7 retrieving the data from the other customer web server.

1 13. (Currently Amended) The method of claim 8 further comprising:

2 receiving a first request from a second client DNS server to resolve a third  
3 domain name, the second client DNS server receiving a request from a second user of a second  
4 web page address that includes the third domain name;

5 determining load measurements of a plurality of second mirrored customer web  
6 servers, each of the second customer web servers addressable by the third domain name, and  
7 each of the second customer web servers storing data configured to service the request from the  
8 second user;

9 determining a second customer web server from the plurality of second mirrored  
10 customer web servers, the second customer web server having a traffic load lower than traffic  
11 loads of other second customer web servers from the plurality of second mirrored customer web  
12 servers;

13 determining an IP address of the second customer web server; and  
14 providing the IP address of the second customer web server to the second client  
15 DNS server.

1 14. (Currently Amended) The method of claim 13 further comprising:  
2 receiving a second request from the second client DNS server to resolve the  
3 second domain name, the second client DNS server receiving a request from the second user of  
4 a second uniform resource locator that includes the second domain name;  
5 retrieving a second set of data from the caching point-of-presence server in  
6 response to the second uniform resource locator; and  
7 providing the second set of data to the user.

1 15. (Canceled)

1 16. (Canceled)

1 17. (Canceled)

1 18. (Canceled)

1 19. (Canceled)

1 20. (Canceled)